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The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Canceled)
- 2. (Previously Presented) A method according to claim 3, further comprising: forming a blocking film between the substrate and the semiconductor island, wherein the substrate is a glass substrate; wherein the blocking film includes,
- a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and
- a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.
- 3. (Previously Presented) A method of manufacturing a semiconductor device: the semiconductor device comprising: at least two p-channel thin film transistors in a pixel portion,

each of the two p-channel thin film transistors in the pixel portion fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

- 4. (Previously Presented) A method according to claim 3, further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.
- 5. (Previously Presented) A method according to claim 3, wherein the semiconductor island is a crystalline semiconductor island.
- 6. (Previously Presented) A method according to claim 3, wherein each of the source and drain regions comprises boron.

7. (Canceled)

8. (Previously Presented) A method according to claim 9 further comprising: forming a blocking film between the substrate and the semiconductor island, wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

9. (Previously Presented) A method of manufacturing a display device, said display device comprising:

a pixel portion and a driving circuit portion;

at least two p-channel thin film transistors being formed in the pixel portion;

each of the two p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

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wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

- 10. (Previously Presented) A method according to claim 9, further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.
- 11. (Previously Presented) A method according to claim 9, wherein the semiconductor island is a crystalline semiconductor island.
- 12. (Previously Presented) A device according to claim 9, wherein each of the source and drain regions comprises boron.

13. (Canceled)

14. (Previously Presented) A method according to claim 15 further comprising: forming a blocking film between the substrate and the semiconductor island, wherein the substrate is a glass substrate,

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

15. (Previously Presented) A method of manufacturing a semiconductor device, said semiconductor device comprising:

at least a first p-channel thin film transistor and a second p-channel thin film transistor in a pixel portion;

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a transmission gate including a CMOS circuit, said CMOS circuit including at least an n-channel thin film transistor and a third p-channel thin film transistor;

each of the first, second and third p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the first and second p-channel thin film transistors are connected in series.

wherein an off current from each of the first, second and third p-channel thin film transistors is less than 10⁻¹² A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

- 16. (Previously Presented) A method according to claim 15 further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the first, second and third p-channel thin film transistors and the n-channel thin film transistor.
- 17. (Previously Presented) A method according to claim 15, wherein the semiconductor island is a crystalline semiconductor island.
- 18. (Previously Presented) A method according to claim 15, wherein each of the source and drain regions of each of the first, second and third p-channel thin film transistors comprises boron.
- 19. (Previously Presented) A method according to claim 15, wherein each of the second source and drain regions of the n-channel thin film transistor comprises phosphorus.

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20. (Previously Presented) A method of manufacturing a semiconductor device comprising at least two p-channel thin film transistors,

each of the two p-channel thin film transistors fabricated through the method comprising:

forming an amorphous semiconductor film on an insulating surface over a substrate:

crystallizing the amorphous semiconductor film to form a crystalline semiconductor film;

patterning the crystalline semiconductor film to form a crystalline semiconductor island:

forming a gate electrode adjacent to the crystalline semiconductor island with a gate insulating film therebetween;

introducing a p-type impurity to form a source region, a drain region and a channel region formed between the source and drain regions,

wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V.

21. (Previously Presented) A method according to claim 20, further comprising: forming a blocking film between the substrate and the crystalline semiconductor island,

wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

22. (Previously Presented) A method according to claim 20, further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.

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- 23. (Previously Presented) A method according to claim 20, wherein each of the source and drain regions comprises boron.
- 24. (Previously Presented) A method according to claim 20, wherein the amorphous semiconductor film is crystallized by thermally annealing.
- 25. (Previously Presented) A method of manufacturing a semiconductor device comprising at least two p-channel thin film transistors,

each of the two p-channel thin film transistors fabricated through the method comprising:

forming an amorphous semiconductor film on an insulating surface over a substrate;

annealing the amorphous semiconductor film with a laser light to crystallize the amorphous semiconductor film;

patterning the crystallized semiconductor film to form a crystalline semiconductor island;

forming a gate electrode adjacent to the crystalline semiconductor island with a gate insulating film therebetween;

introducing a p-type impurity to form a source region, a drain region and a channel region formed between the source and drain regions,

wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V.

26. (Previously Presented) A method according to claim 25, further comprising: forming a blocking film between the substrate and the crystalline semiconductor island.

wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

- 27. (Previously Presented) A method according to claim 25, further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.
- 28. (Previously Presented) A method according to claim 25, wherein each of the source and drain regions comprises boron.
- 29. (Previously Presented) A method of manufacturing a semiconductor device comprising a plurality of p-channel thin film transistors,

each of the plurality of the p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the plurality of p-channel thin film transistors are connected in series, wherein an off current from each of plurality of the p-channel thin film transistors

is less than 10⁻¹² A where a voltage of the drain region is 1V.

30. (Previously Presented) A method according to claim 29, further comprising: forming a blocking film between the substrate and the semiconductor island, wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

- 31. (Previously Presented) A method according to claim 29, further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.
- 32. (Previously Presented) A method according to claim 29, wherein the semiconductor island is a crystalline semiconductor island.
- 33. (Previously Presented) A method according to claim 29, wherein each of the source and drain regions comprises boron.
- 34. (Previously Presented) A method according to claim 29, wherein the semiconductor device includes at least three p-channel thin film transistors connected in series.
 - 35. (Previously Presented) A method of manufacturing a display device, said display device comprising:
 - a pixel portion;
 - a drive circuit portion;
- at least a first p-channel thin film transistor and a second p-channel thin film transistor in the pixel portion;
- a transmission gate including a CMOS circuit in the drive circuit portion, said CMOS circuit including at least an n-channel thin film transistor and a third p-channel thin film transistor;

each of the first, second and third p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the first and second p-channel thin film transistors are connected in series.

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wherein an off current from each of the first, second and third p-channel thin film transistors is less than 10⁻¹² A where a voltage of the drain region is 1V,

wherein only p-channel thin film transistors connected in series are used as a switching element in the pixel portion.

- 36. (Previously Presented) A method according to claim 35 further comprising: forming an interlayer insulating film including boro-phosphosilicate glass over the first, second and third p-channel thin film transistors and the n-channel thin film transistor.
- (Previously Presented) A method according to claim 35, wherein the 37. semiconductor island is a crystalline semiconductor island.
- 38. (Previously Presented) A method according to claim 35, wherein each of the source and drain regions of each of the first, second and third p-channel thin film transistors comprises boron.
- 39. (Previously Presented) A method according to claim 35, wherein each of the second source and drain regions of the n-channel thin film transistor comprises phosphorus.
- 40. (Previously Presented) A method of manufacturing a semiconductor device comprising:

forming a semiconductor film comprising amorphous silicon on an insulating surface;

heating the semiconductor film to crystallize said semiconductor film at least partly;

patterning the crystallized semiconductor film into at least first and second semiconductor islands;

forming a gate insulating film on the first and second semiconductor islands;

forming source and drain regions having a p-type conductivity in the first and second semiconductor islands wherein a channel region is formed between the source and drain regions in the first and second semiconductor islands;

forming at least first and second p-channel thin film transistors wherein said first and second p-channel thin film transistors using said first and second semiconductor islands as active layers thereof;

wherein each of the first and second semiconductor islands has a first portion which includes said channel region and has a crystalline structure and a second portion having an amorphous structure below the first portion.

- 41. (Withdrawn) A method according to claim 39 wherein the first and second p-channel thin film transistors are connected to a pixel electrode in series.
- 42. (Withdrawn) A method according to claim 39 wherein an off current of each of the first and second p-channel thin film transistors is 10⁻¹² A when a voltage of the drain region is 1V.
 - 43. (New) A method of manufacturing a semiconductor device comprising:

the semiconductor device comprising at least two p-channel thin film transistors in a pixel portion,

each of the two p-channel thin film transistors fabricated through the method comprising:

forming an amorphous semiconductor film on an insulating surface over a substrate:

crystallizing the amorphous semiconductor film to form a crystalline semiconductor film;

patterning the crystalline semiconductor film to form a crystalline semiconductor island;

forming a gate electrode adjacent to the crystalline semiconductor island with a gate insulating film therebetween;

introducing a p-type impurity to form a source region, a drain region and a channel region formed between the source and drain regions,

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wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

44. (New) A method according to claim 43, further comprising:

forming a blocking film between the substrate and the crystalline semiconductor island.

wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

45. (New) A method according to claim 43, further comprising:

forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.

- 46. (New) A method according to claim 43, wherein each of the source and drain regions comprises boron.
- 47. (New) A method according to claim 43, wherein the amorphous semiconductor film is crystallized by thermally annealing.
 - 48. (New) A method of manufacturing a semiconductor device comprising:

the semiconductor device comprising at least two p-channel thin film transistors in a pixel portion,

each of the two p-channel thin film transistors fabricated through the method comprising:

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forming an amorphous semiconductor film on an insulating surface over a substrate:

annealing the amorphous semiconductor film with a laser light to crystallize the amorphous semiconductor film;

patterning the crystallized semiconductor film to form a crystalline semiconductor island;

forming a gate electrode adjacent to the crystalline semiconductor island with a gate insulating film therebetween;

introducing a p-type impurity to form a source region, a drain region and a channel region formed between the source and drain regions,

wherein the two p-channel thin film transistors are connected in series,

wherein an off current from each of the p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

49. (New) A method according to claim 48, further comprising:

forming a blocking film between the substrate and the crystalline semiconductor island,

wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

50. (New) A method according to claim 48, further comprising:

forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.

51. (New) A method according to claim 48, wherein each of the source and drain regions comprises boron.

52. (New) A method of manufacturing a semiconductor device comprising:

the semiconductor device comprising a plurality of p-channel thin film transistors in a pixel portion,

each of the plurality of the p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the plurality of p-channel thin film transistors are connected in series,

wherein an off current from each of plurality of the p-channel thin film transistors is less than 10⁻¹² A where a voltage of the drain region is 1V, and

wherein a pixel electrode is connected to a data line without any n-channel thin film transistor connected therebetween.

53. (New) A method according to claim 52, further comprising:

forming a blocking film between the substrate and the semiconductor island, wherein the substrate is a glass substrate;

wherein the blocking film includes,

a silicon nitride film with a thickness in a range of 5-200 nm formed on the glass substrate, and

a silicon oxide film with a thickness in a range of 20-1000 nm formed on the silicon nitride film.

54. (New) A method according to claim 52, further comprising:

forming an interlayer insulating film including boro-phosphosilicate glass over the two p-channel thin film transistors.

55. (New) A method according to claim 52, wherein the semiconductor island is a crystalline semiconductor island.

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- 56. (New) A method according to claim 52, wherein each of the source and drain regions comprises boron.
- 57. (New) A method according to claim 52, wherein the semiconductor device includes at least three p-channel thin film transistors connected in series.
 - 58. (New) A method of manufacturing a display device,

said display device comprising:

a pixel portion;

a drive circuit portion;

at least a first p-channel thin film transistor and a second p-channel thin film transistor in the pixel portion;

a transmission gate including a CMOS circuit in the drive circuit portion, said CMOS circuit including at least an n-channel thin film transistor and a third p-channel thin film transistor;

each of the first, second and third p-channel thin film transistors fabricated through the method comprising:

forming a semiconductor island over a substrate;

forming a gate electrode adjacent to the semiconductor island with a gate insulating film therebetween;

forming a source region, a drain region and a channel region formed between the source and drain regions,

wherein the first and second p-channel thin film transistors are connected in series.

wherein an off current from each of the first, second and third p-channel thin film transistors is less than 10^{-12} A where a voltage of the drain region is 1V,

wherein only p-channel thin film transistors connected in series are used as a switching element in the pixel portion, and

wherein the pixel portion does not include any n-channel thin film transistor.

59. (New) A method according to claim 58 further comprising:

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forming an interlayer insulating film including boro-phosphosilicate glass over the first, second and third p-channel thin film transistors and the n-channel thin film transistor.

- 60. (New) A method according to claim 58, wherein the semiconductor island is a crystalline semiconductor island.
- 61. (New) A method according to claim 58, wherein each of the source and drain regions of each of the first, second and third p-channel thin film transistors comprises boron.
- 62. (New) A method according to claim 58, wherein each of the second source and drain regions of the n-channel thin film transistor comprises phosphorus.